Software User Manual

http://nikshay.gov.in

Version: 0.1

Prepared by

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I N D E X

#	Chapter	Page#
1	Introduction	
2	Concept of Operations	
3	Operations	
4	Contact Addresses	

[01] Introduction

Tuberculosis (TB) is common and at times fatal infection caused by strain of mycobacterium – especially Mycobacterium tuberculosis. The TB bacillus is considered highly infectious. WHO defines the problem as "**Drug Resistant TB is caused by inconsistent or partial treatment, when patient do not take all their medicines regularly for required period because they start to feel better, because doctors and health workers prescribe wrong treatment regimens, or because the drug supply is unreliable**".

With the above definition, it can be observed that Drug Resistant Tuberculosis (DR-TB) is converted from existing TB patients mostly. Therefore recording of all TB patients is mandatory before recording the MDR/XDR TB patient details.

[01.1] Purpose of this Document

This purpose of this document is to provide instructions for usage of web based application software for different level of users.

[01.2] Scope of the Project

Present scope of the project includes development of Web based Application for Masters Management, Users Management and Registration of TB Patients.

[01.3] Intended Audience

This document is meant for Central TB Division (CTD), State TB Officer, District TB Officers and Tuberculosis Unit Officials.

[02] Concept of Operations

There are four levels of users in the software:

- ✓ National Level Users
- ✓ State Level Users
- ✓ District Level Users
- ✓ Tuberculosis Level Users

National Level Users:

There will be 2 National level users viz. rntcp-helpdesk and rntcp-national. Rntcp-helpdesk will be used to solve the problems of the users at any level where rntcp-national will be used by Central TB Division for the purpose of reports.

State Level Users

35 State level users have been created with structure as sto-xx where xx is 2 character RNTCP state code. In case, any state level user faces password related problem, then user need to contact rntcp-helpdesk for restting of password.

District level Users

District level users have been created on the pattern dto-ssddd where ss is RNTCP State Code and ddd is RNTCP District level RNTCP code. In case, any district level user faces password related problem, then user need to contact concerned STO or rntcp-helpdesk for restting of password.

Tuberculosis Level Users

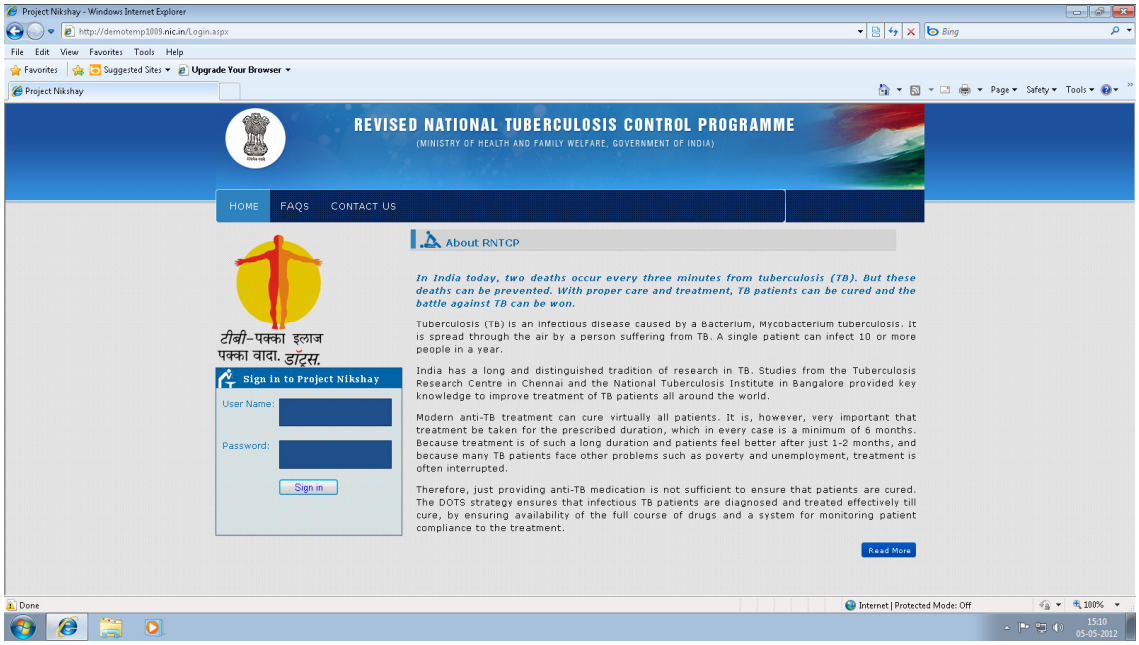
Tuberculosis Unit level users have been created on the pattern tbu-ssdddtu where ss is RNTCP State Code and ddd is RNTCP District level RNTCP code and tu is RNTCP TB Unit level code. In case, any Tuberculosis level user faces password related problem, then user need to contact concerned DTO or STO or rntcp-helpdesk for resetting of password.

For login operations, following need to be taken care of:

- ✓ User must have valid Username and Password.
- ✓ Software will display error in case username or password is not correct.
- ✓ In case of any exceptional error, it will display "Please contact Administrator". In this case, user needs to send mail to the Administrator.
- ✓ Users will get the menu based on the role in which she/he has logged in.

[03] Operations

User need to give http://nikshay.gov.in in the browser. Preferred Browser is Internet Explorer 9.0 or above. User will get the following screen:



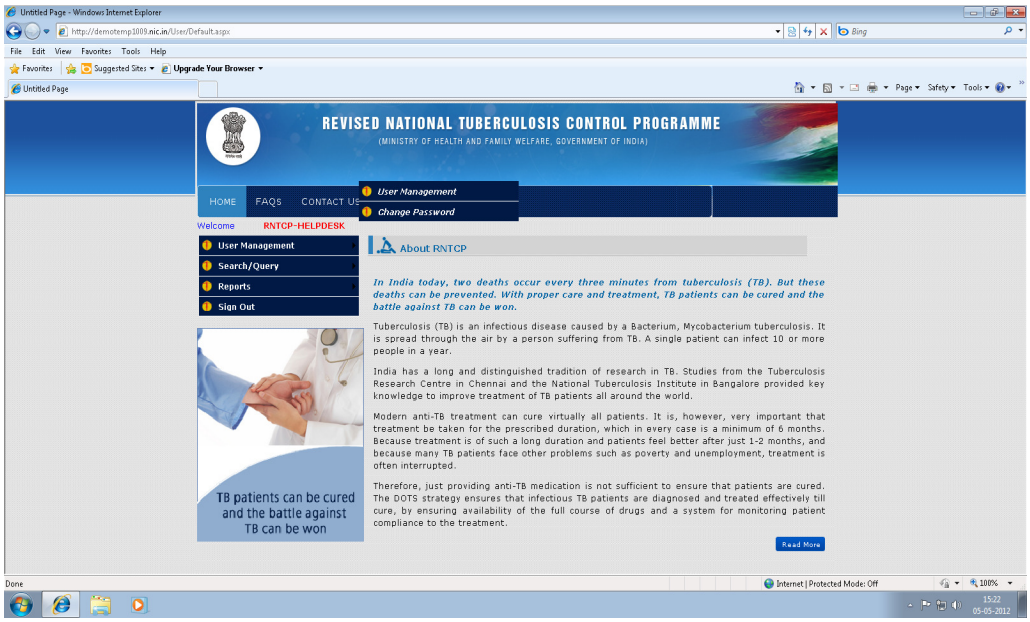
Screen-1

Description of Screen-1

#	Item	Description
1	Home	This button will bring to login screen, if it is not logged in earlier. In case user is already logged in then it will display the menu on the left and first screen.
2	FAQs	It will display the FAQs without login in screen, if user is not logged in yet. In case user is already logged in that case menu will appear on the left on the screen and FAQs will appear on the right side.
3	Contact Us	It will display the Contact Details without login in screen, if user is not logged in yet. In case user is already logged in that case menu will appear on the left on the screen and Contact Details will appear on the right side.
4	Login Screen	Valid User Name and Password to be given on the left side of the screen. If user name or password is not valid, it will display the error 'Invalid Username/Password'. In case there is some issue with Database Connection or system error, it will display 'Please contact Administrator' error. User need to send mail to the Administrator.

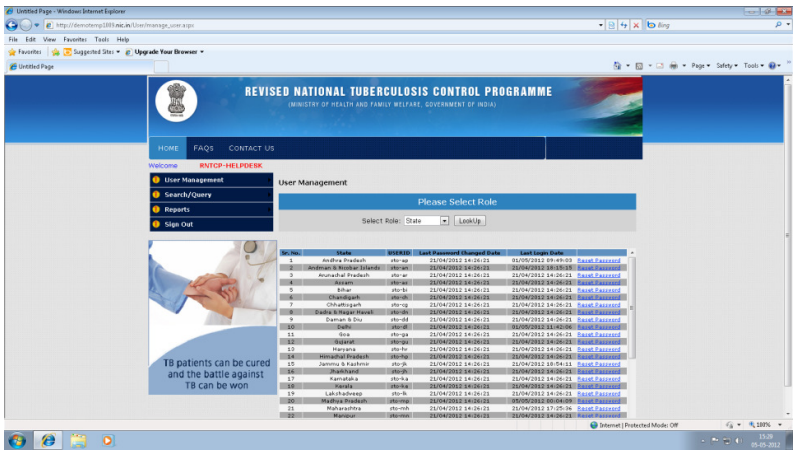
National Level User:

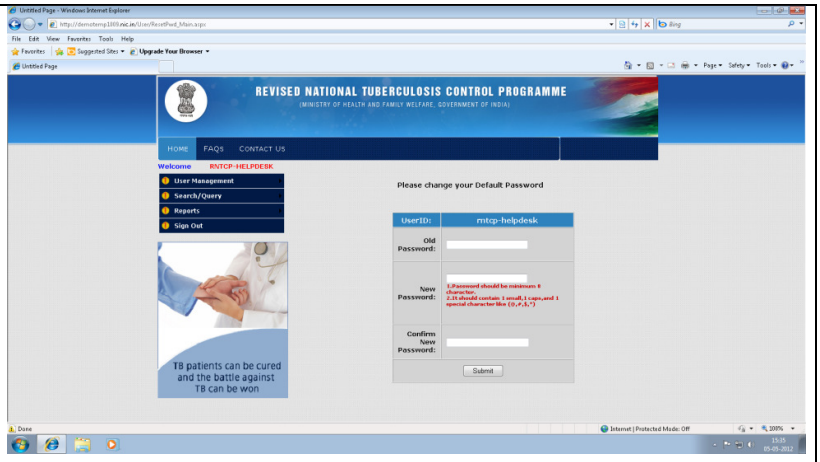
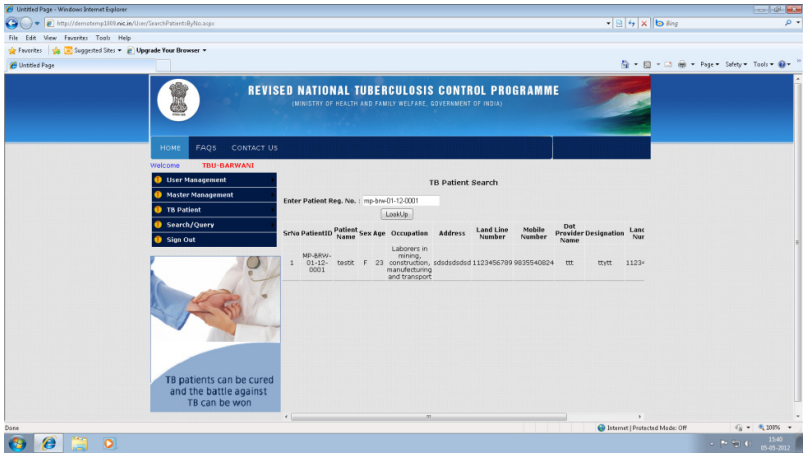
On successful login **as rntcp-helpdesk** user name and password, following screen will appear:

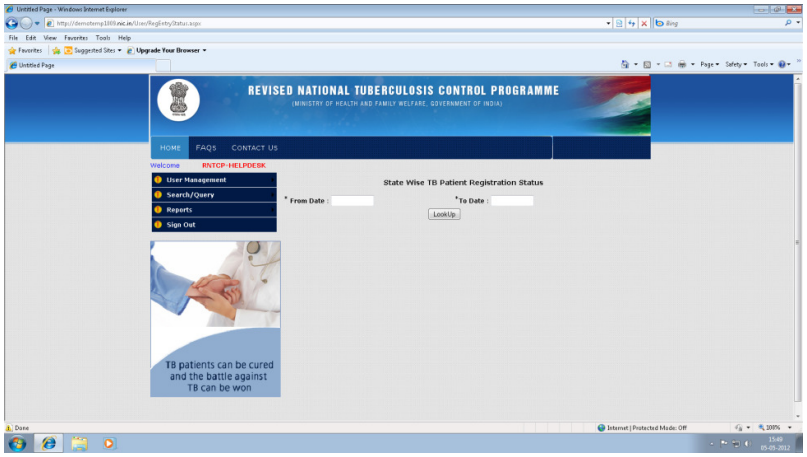

REVISED NATIONAL TUBERCULOSIS CONTROL PROGRAMME
(MINISTRY OF HEALTH AND FAMILY WELFARE, GOVERNMENT OF INDIA)
HOME
FAQS
CONTACT US
User Management
Change Password
Welcome
RNTCP-HELPDESK
User Management
Search/Query
Reports
Sign Out
About RNTCP
In India today, two deaths occur every three minutes from tuberculosis (TB). But these deaths can be prevented. With proper care and treatment, TB patients can be cured and the battle against TB can be won.
Tuberculosis (TB) is an infectious disease caused by a Bacterium, Mycobacterium tuberculosis. It is spread through the air by a person suffering from TB. A single patient can infect 10 or more people in a year.
India has a long and distinguished tradition of research in TB. Studies from the Tuberculosis Research Centre in Chennai and the National Tuberculosis Institute in Bangalore provided key knowledge to improve treatment of TB patients all around the world.
Modern anti-TB treatment can cure virtually all patients. It is, however, very important that treatment be taken for the prescribed duration, which in every case is a minimum of 6 months. Because treatment is of such a long duration and patients feel better after just 1-2 months, and because many TB patients face other problems such as poverty and unemployment, treatment is often interrupted.
Therefore, just providing anti-TB medication is not sufficient to ensure that patients are cured. The DOTS strategy ensures that infectious TB patients are diagnosed and treated effectively till cure, by ensuring availability of the full course of drugs and a system for monitoring patient compliance to the treatment.
TB patients can be cured and the battle against TB can be won
Read More

Screen-2

Description of Screen-2

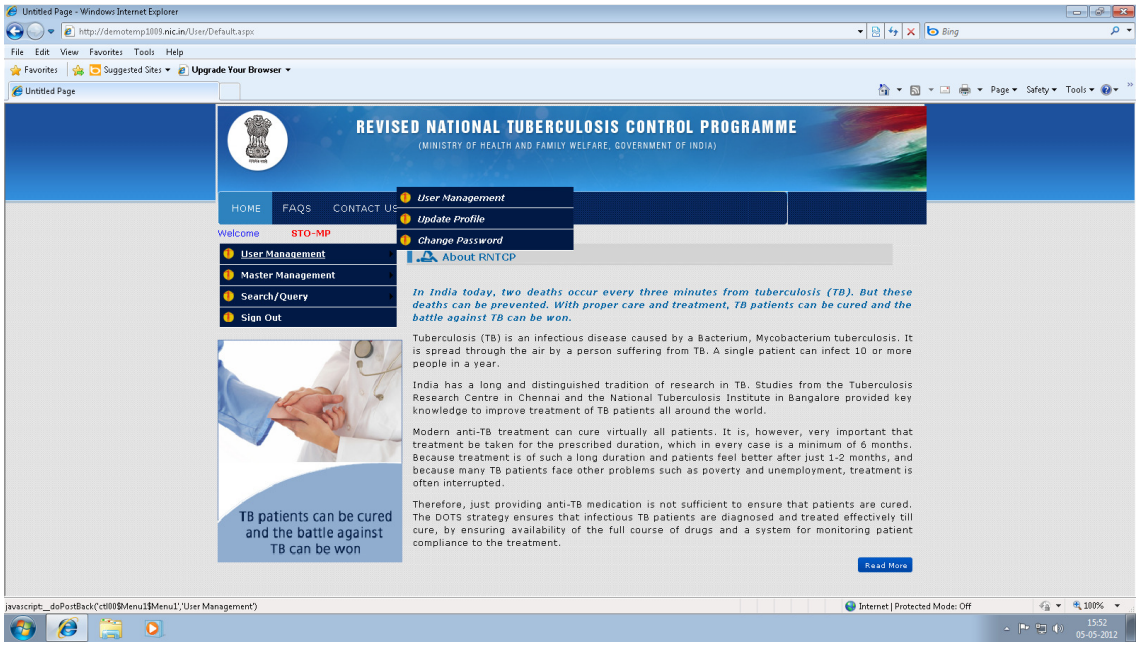
#	Item	Description
1	Home	This button will bring to login screen, if it is not logged in earlier. In case user is already logged in then it will display the menu on the left and first screen.
2	FAQs	It will display the FAQs without login in screen, if user is not logged in yet. In case user is already logged in that case menu will appear on the left on the screen and FAQs will appear on the right side.
3	Contact Us	It will display the Contact Details without login in screen, if user is not logged in yet. In case user is already logged in that case menu will appear on the left on the screen and Contact Details will appear on the right side.
4	User Management	It will facilitate user management at national level.
4.1	User Management	Pressing of this sub-menu will give following screen:  User at National Level need to chose the level for which users to be managed: ✓ TB Unit ✓ District ✓ State After selection of level, press <LookUp> button and will get the list of users for that level and in the last column, reset password button will be there pressing of this will open 2 buttons Update and Cancel. In case Update button is pressed then it will reset to the default password. Pressing of cancel button will cancel the operation.
4.2	Change Password	Pressing of this sub-menu will give following screen:

		 User need to give the old password and new password and its confirmation. Password policy has been defined as: 1. Password should be minimum 8 characters. 2. It should contain at least 1 small, 1 caps, and 1 special character like (@,#,$,*) In case old password is not correct or new password or its confirmation is not matched then it will display the error.
5	Search/Query	
5.1	By TB Patient Number	Choosing of this sub-menu, following screen will appear:  Where user needs to give TB Patient Number generated by Computer at the time of registration, which is as follows: <SS>-<DDD>-<TU>-<YR>-<NNNN> where <SS> - RNTCP State Code <DDD> - RNTCP District Code <TU> - RNTCP Tuberculosis Unit Code <NNNN> - Serial Number, which is unique for TU and Year e.g MP-BRW-01-12-0001

		Giving the correct TB Patient number will display the details of the patient, which are: ✓ Name ✓ Age ✓ Sex ✓ Occupation ✓ Address ✓ Land Line Number ✓ Mobile Number ✓ DOTS Provider Name ✓ Designation ✓ Providers Land Line Number ✓ Providers Mobile Number ✓ Peripheral Health Interface
6	Reports	
6.1	Registration Status	Choosing of this sub-menu, following screen will appear:  User need to give date from and date to for getting the details of patients registered during that period. It will give state wise patients registered.
7	Sign out	Pressing of this menu option will bring the screen to the Login Screen.

State Level Users

On successful login **as sto-xx where xx is RNTCP State Code,** user name and password, following screen will appear:


REVISED NATIONAL TUBERCULOSIS CONTROL PROGRAMME
(MINISTRY OF HEALTH AND FAMILY WELFARE, GOVERNMENT OF INDIA)
HOME
FAQS
CONTACT US
User Management
Update Profile
Change Password
Welcome
STO-MP
User Management
Master Management
Search/Query
Sign Out
About RNTCP
In India today, two deaths occur every three minutes from tuberculosis (TB). But these deaths can be prevented. With proper care and treatment, TB patients can be cured and the battle against TB can be won.
Tuberculosis (TB) is an infectious disease caused by a Bacterium, Mycobacterium tuberculosis. It is spread through the air by a person suffering from TB. A single patient can infect 10 or more people in a year.
India has a long and distinguished tradition of research in TB. Studies from the Tuberculosis Research Centre in Chennai and the National Tuberculosis Institute in Bangalore provided key knowledge to improve treatment of TB patients all around the world.
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Therefore, just providing anti-TB medication is not sufficient to ensure that patients are cured. The DOTS strategy ensures that infectious TB patients are diagnosed and treated effectively till cure, by ensuring availability of the full course of drugs and a system for monitoring patient compliance to the treatment.
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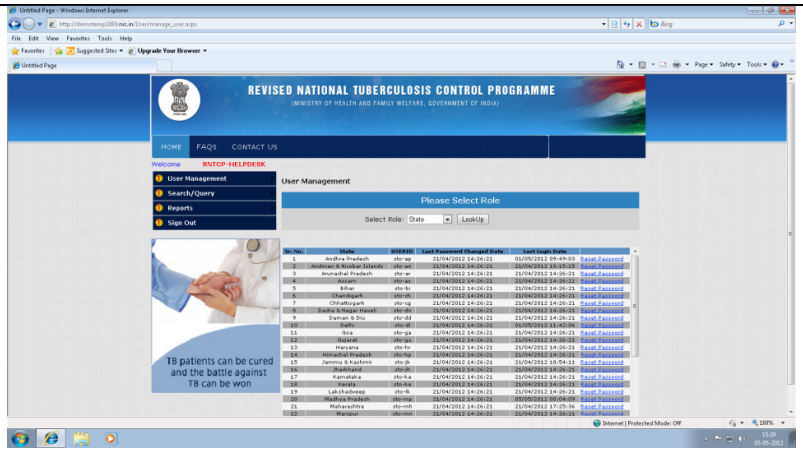
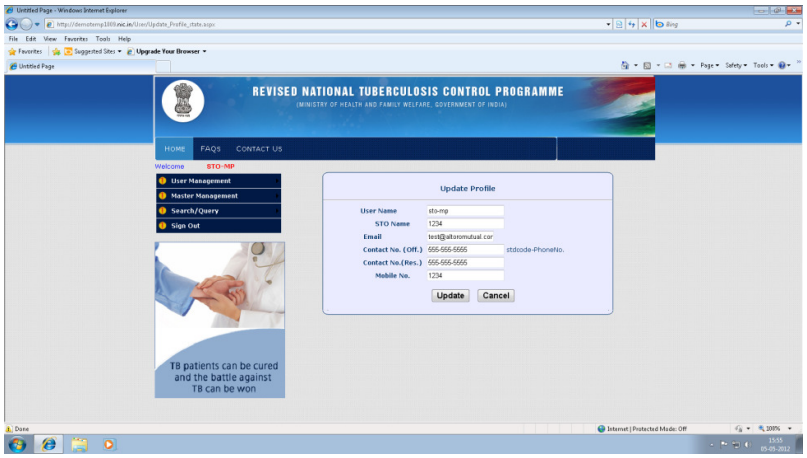
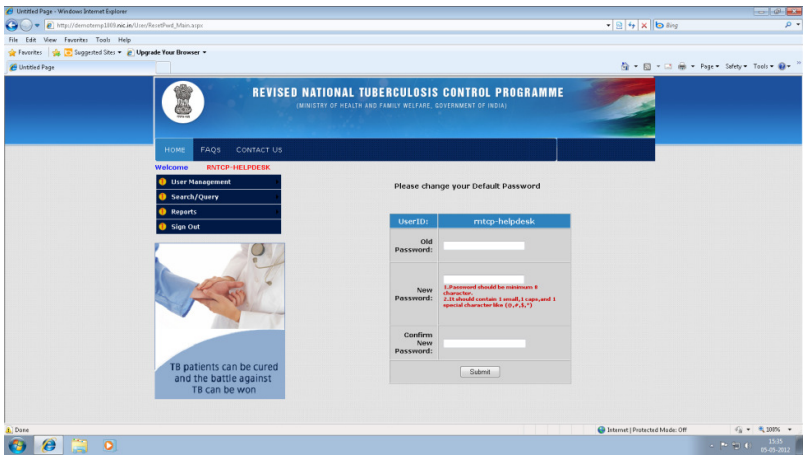
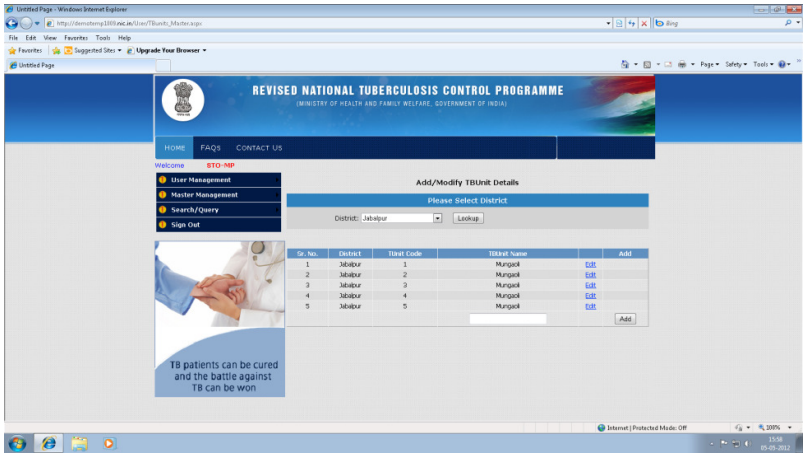
Read More

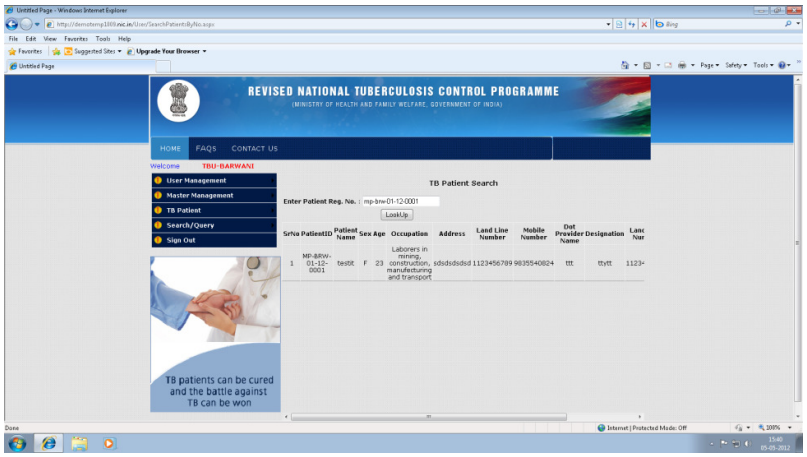
Screen-3

Description of Screen-3

#	Item	Description
1	Home	This button will bring to login screen, if it is not logged in earlier. In case user is already logged in then it will display the menu on the left and first screen.
2	FAQs	It will display the FAQs without login in screen, if user is not logged in yet. In case user is already logged in that case menu will appear on the left on the screen and FAQs will appear on the right side.
3	Contact Us	It will display the Contact Details without login in screen, if user is not logged in yet. In case user is already logged in that case menu will appear on the left on the screen and Contact Details will appear on the right side.
4	User Management	It will facilitate user management at State level.
4.1	User Management	Pressing of this sub-menu will give following screen:

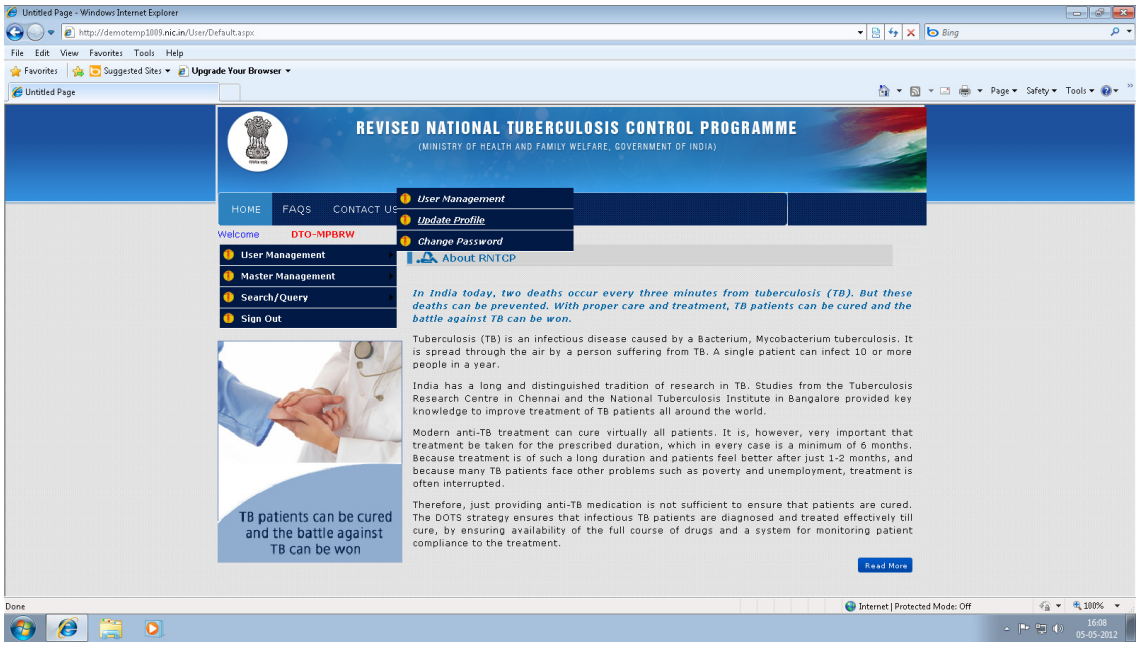
		 User at State Level need to chose the level for which users to be managed: ✓ TB Unit ✓ District After selection of level, press <LookUp> button and will get the list of users for that level and in the last column, reset password button will be there pressing of this will open 2 buttons Update and Cancel. In case Update button is pressed then it will reset to the default password. Pressing of cancel button will cancel the operation.
4.2	Update Profile	Pressing of this sub-menu option, following screen will appear:  Where user can enter State level TB Officer Details: ✓ STO Officer Name ✓ E-mail ✓ Office Land Line Number ✓ Residence Land Line Number ✓ Mobile Number

4.3	Change Password	Pressing of this sub-menu will give following screen:  User need to give the old password and new password and its confirmation. Password policy has been defined as: 3. Password should be minimum 8 characters. 4. It should contain at least 1 small, 1 caps, and 1 special character like (@,#,$,*) In case old password is not correct or new password or its confirmation is not matched then it will display the error.
5	Masters Management	
5.1	TB Units	Management of Tuberculosis Unit master has been facilitated at State level as well as District level. Pressing of this sub-menu option at State level, will display following screen:  User need to choose the district for which TB Units are to be managed (Add/Modify). On choosing district, all the TB Units already entered will be displayed and will be

		facilitated for editing as well as addition of new TB Unit. Once new Tuberculosis Unit is added, User name with default password will also be created and the same can be conveyed to the user.
5	Search/Query	
5.1	By TB Patient Number	Choosing of this sub-menu, following screen will appear:  Where user needs to give TB Patient Number generated by Computer at the time of registration, which is as follows: <SS>-<DDD>-<TU>-<YR>-<NNNN> where <SS> - RNTCP State Code <DDD> - RNTCP District Code <TU> - RNTCP Tuberculosis Unit Code <NNNN> - Serial Number, which is unique for TU and Year e.g MP-BRW-01-12-0001 Giving the correct TB Patient number will display the details of the patient, which are: ✓ Name ✓ Age ✓ Sex ✓ Occupation ✓ Address ✓ Land Line Number ✓ Mobile Number ✓ DOTS Provider Name ✓ Designation ✓ Providers Land Line Number ✓ Providers Mobile Number ✓ Peripheral Health Institute (PHI)
6	Sign out	Pressing of this menu option will bring the screen to the Login Screen.

District Level Users

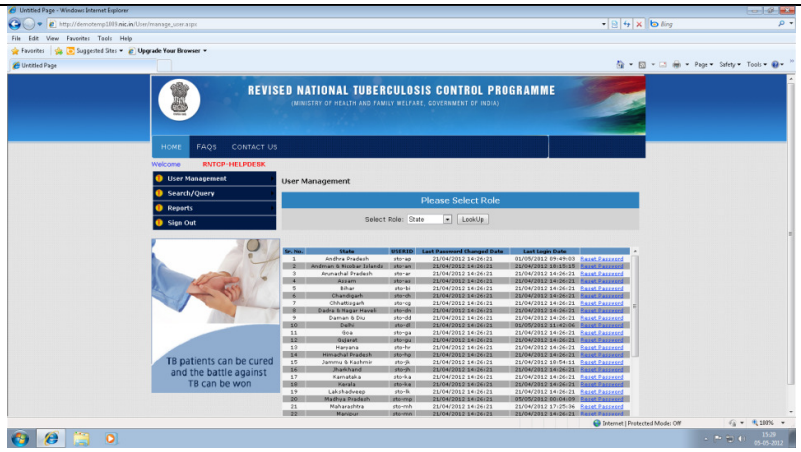
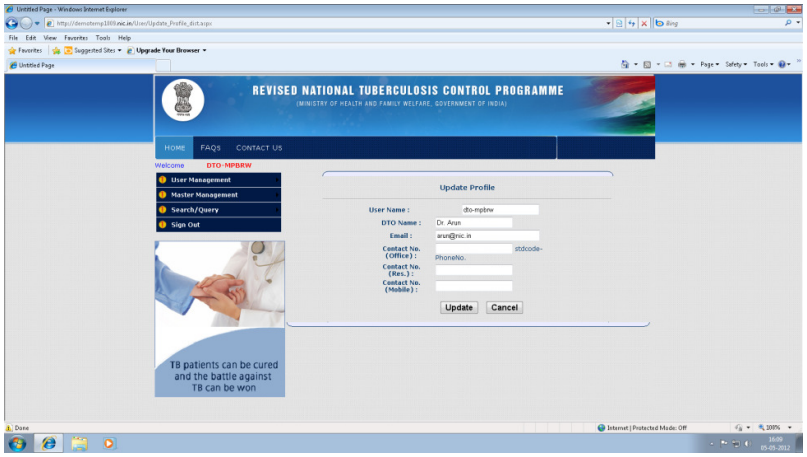
On successful login **as dto-ssddd where ss is RNTCP State Code & ddd is RNTCP District code,** user name and password, following screen will appear:

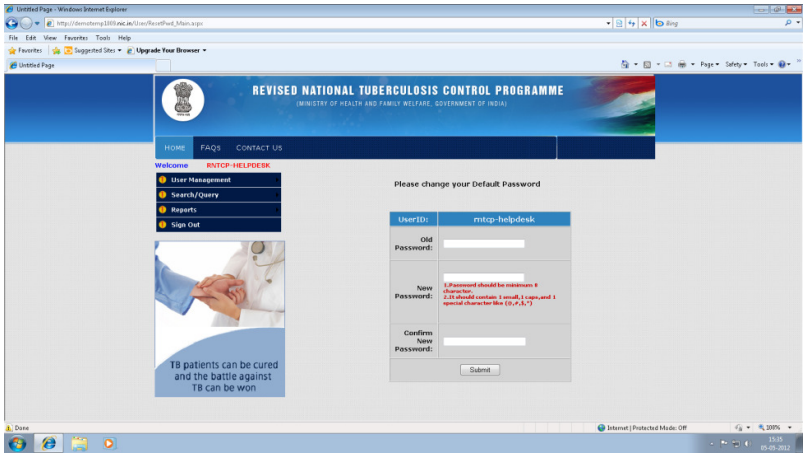
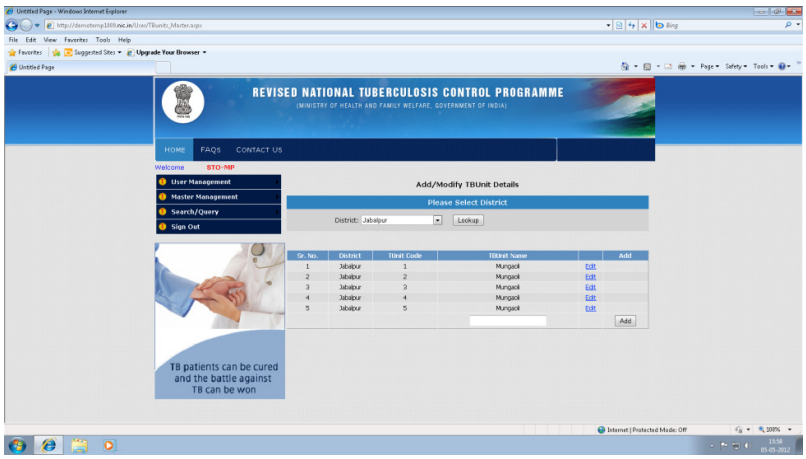

REVISED NATIONAL TUBERCULOSIS CONTROL PROGRAMME
(MINISTRY OF HEALTH AND FAMILY WELFARE, GOVERNMENT OF INDIA)
HOME
FAQS
CONTACT US
User Management
Update Profile
Change Password
About RNTCP
Welcome
DTO-MPBRW
User Management
Master Management
Search/Query
Sign Out
In India today, two deaths occur every three minutes from tuberculosis (TB). But these deaths can be prevented. With proper care and treatment, TB patients can be cured and the battle against TB can be won.
Tuberculosis (TB) is an infectious disease caused by a Bacterium, Mycobacterium tuberculosis. It is spread through the air by a person suffering from TB. A single patient can infect 10 or more people in a year.
India has a long and distinguished tradition of research in TB. Studies from the Tuberculosis Research Centre in Chennai and the National Tuberculosis Institute in Bangalore provided key knowledge to improve treatment of TB patients all around the world.
Modern anti-TB treatment can cure virtually all patients. It is, however, very important that treatment be taken for the prescribed duration, which in every case is a minimum of 6 months. Because treatment is of such a long duration and patients feel better after just 1-2 months, and because many TB patients face other problems such as poverty and unemployment, treatment is often interrupted.
Therefore, just providing anti-TB medication is not sufficient to ensure that patients are cured. The DOTS strategy ensures that infectious TB patients are diagnosed and treated effectively till cure, by ensuring availability of the full course of drugs and a system for monitoring patient compliance to the treatment.
TB patients can be cured and the battle against TB can be won
Read More

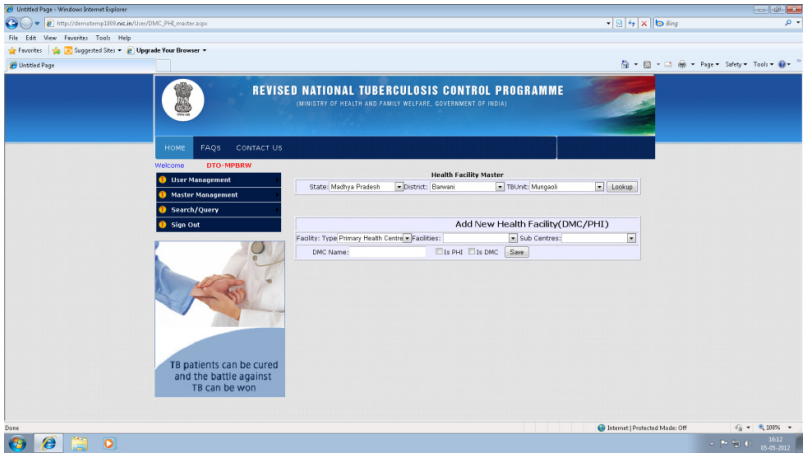
Screen-4

Description of Screen-4

#	Item	Description
1	Home	This button will bring to login screen, if it is not logged in earlier. In case user is already logged in then it will display the menu on the left and first screen.
2	FAQs	It will display the FAQs without login in screen, if user is not logged in yet. In case user is already logged in that case menu will appear on the left on the screen and FAQs will appear on the right side.
3	Contact Us	It will display the Contact Details without login in screen, if user is not logged in yet. In case user is already logged in that case menu will appear on the left on the screen and Contact Details will appear on the right side.
4	User Management	It will facilitate user management at District level.
4.1	User Management	Pressing of this sub-menu will give following screen:

		 User at State Level need to chose the level for which users to be managed: ✓ TB Unit After selection of level, press <LookUp> button and will get the list of users for that level and in the last column, reset password button will be there pressing of this will open 2 buttons Update and Cancel. In case Update button is pressed then it will reset to the default password. Pressing of cancel button will cancel the operation.
4.2	Update Profile	Pressing of this sub-menu option, following screen will appear:  Where user can enter State level TB Officer Details: ✓ DTO Officer Name ✓ E-mail ✓ Office Land Line Number ✓ Residence Land Line Number ✓ Mobile Number
4.3	Change	Pressing of this sub-menu will give following screen:

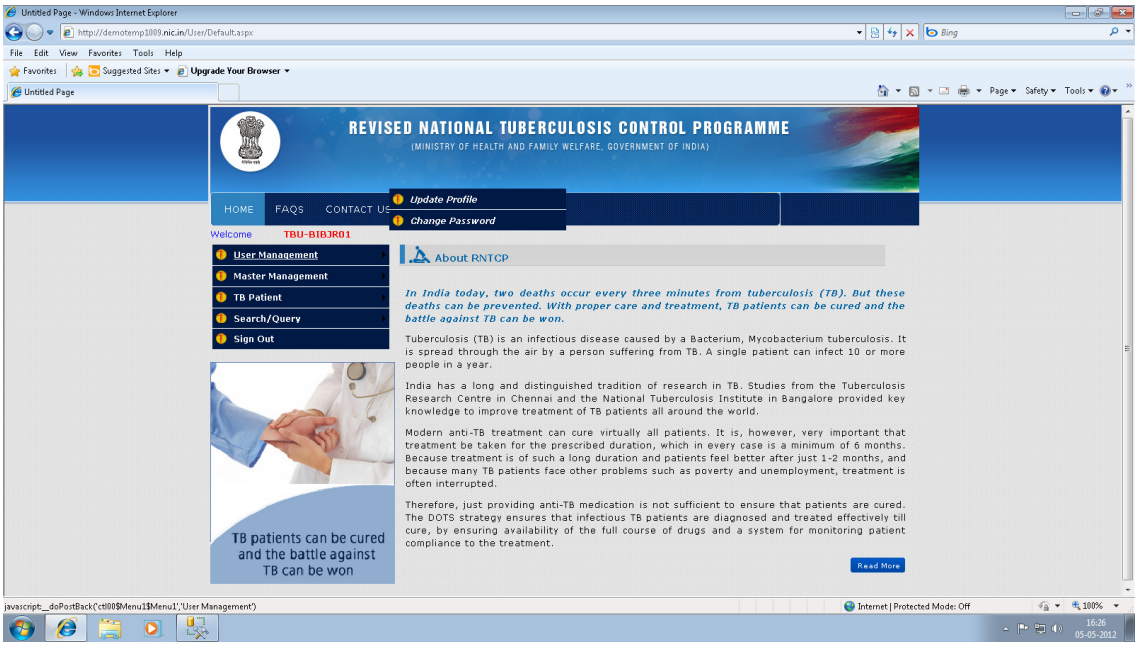
	Password	 User need to give the old password and new password and its confirmation. Password policy has been defined as: 5. Password should be minimum 8 characters. 6. It should contain at least 1 small, 1 caps, and 1 special character like (@,#,$,*) In case old password is not correct or new password or its confirmation is not matched then it will display the error.
5	Masters Management	
5.1	TB Units	Management of Tuberculosis Unit master has been facilitated at State level as well as District level. Pressing of this sub-menu option at District level, will display following screen:  User need to choose his/her own district for which TU Units are to be managed (Add/Modify). On choosing district, all the TB Units already entered will be displayed and will be facilitated for editing as well as addition of

		new Tuberculosis Unit. Once new Tuberculosis Unit is added, User name with default password will also be created and the same can be conveyed to the user.
5.2	DMC/PHI Master	Management of DMC/PHI master has been facilitated at District level. Pressing of this sub-menu option at District level, will display following screen:  There will be single master maintenance for DMC and PHI. It has been integrated with MCTS in loosely coupled form. User need to select the TB Unit for which DMC/PHI are to be added. After that user need to select Facility Type, then health Facilities under that Facility Type will appear, if one is available you are looking for then select otherwise select NA and enter the DMC/PHI name yourself. The given DMC/PHI name may be PHI or DMC or both. Depending upon the same, selection if Is DMC and Is PHI may be done and press the save button.
6	Search/Query	
6.1	By TB Patient Number	Choosing of this sub-menu, following screen will appear:

		 Where user needs to give TB Patient Number generated by Computer at the time of registration, which is as follows: <SS>-<DDD>-<TU>-<YR>-<NNNN> where <SS> - RNTCP State Code <DDD> - RNTCP District Code <TU> - RNTCP Tuberculosis Unit Code <NNNN> - Serial Number, which is unique for TU and Year e.g MP-BRW-01-12-0001 Giving the correct TB Patient number will display the details of the patient, which are: ✓ Name ✓ Age ✓ Sex ✓ Occupation ✓ Address ✓ Land Line Number ✓ Mobile Number ✓ DOTS Provider Name ✓ Designation ✓ Providers Land Line Number ✓ Providers Mobile Number ✓ Peripheral Health Institute (PHI)
7	Sign out	Pressing of this menu option will bring the screen to the Login Screen.

Tuberculosis Unit Level Users

On successful login **as tbu-ssdddtu where ss is RNTCP State Code & ddd is RNTCP District code, tu is RNTCP Tuberculosis Unit Code** user name and password, following screen will appear:


REVISED NATIONAL TUBERCULOSIS CONTROL PROGRAMME
(MINISTRY OF HEALTH AND FAMILY WELFARE, GOVERNMENT OF INDIA)
HOME
FAQS
CONTACT US
Update Profile
Change Password
Welcome
TBU-BIBJR01
User Management
Master Management
TB Patient
Search/Query
Sign Out
About RNTCP
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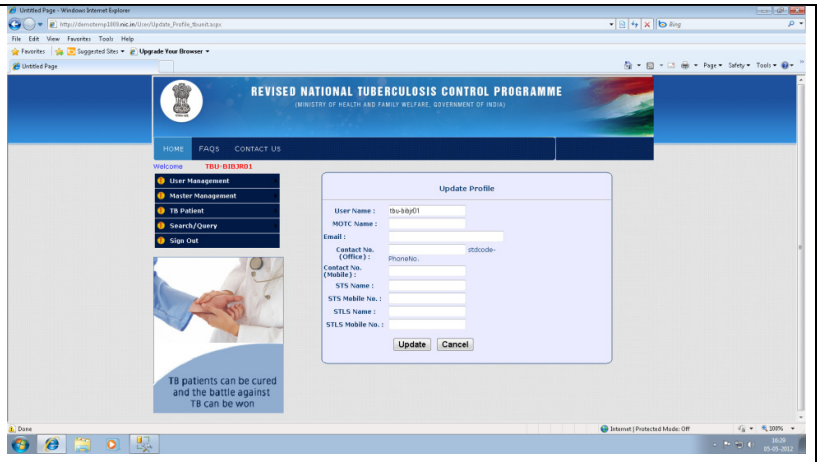
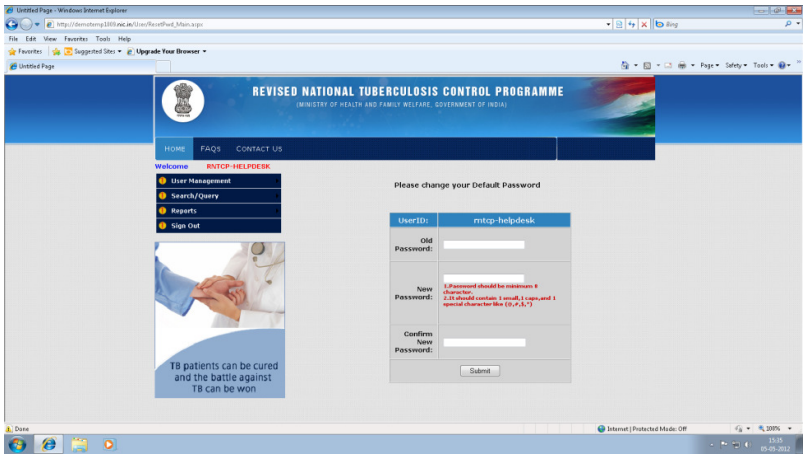
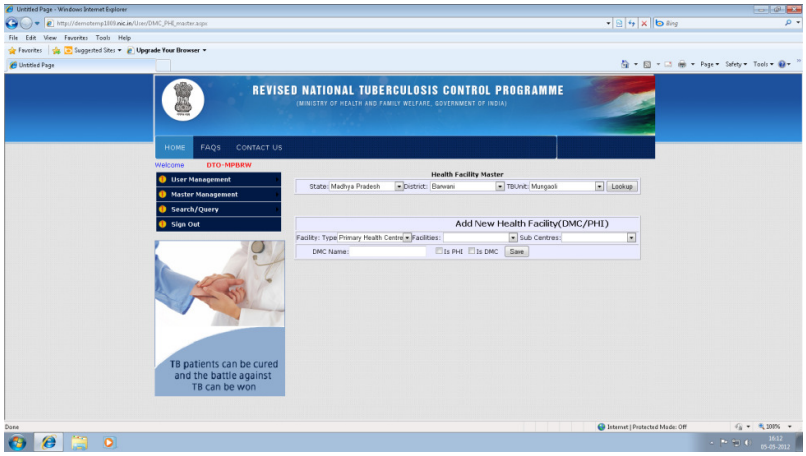
Read More
TB patients can be cured and the battle against TB can be won

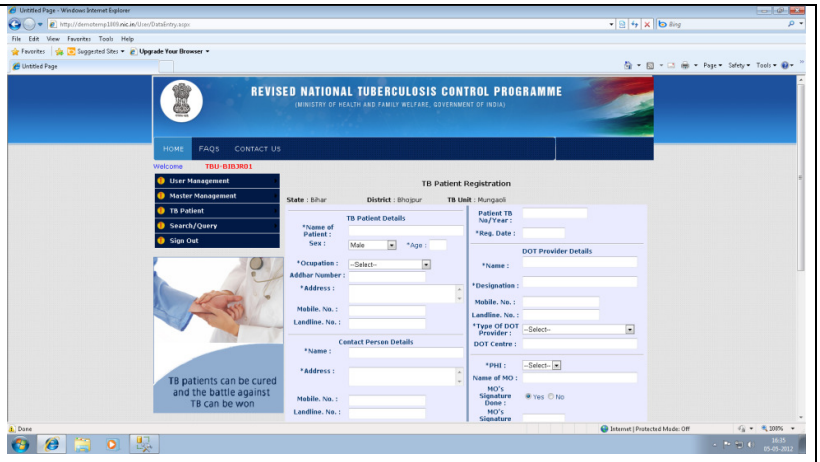
Screen-5

Description of Screen-5

#	Item	Description
1	Home	This button will bring to login screen, if it is not logged in earlier. In case user is already logged in then it will display the menu on the left and first screen.
2	FAQs	It will display the FAQs without login in screen, if user is not logged in yet. In case user is already logged in that case menu will appear on the left on the screen and FAQs will appear on the right side.
3	Contact Us	It will display the Contact Details without login in screen, if user is not logged in yet. In case user is already logged in that case menu will appear on the left on the screen and Contact Details will appear on the right side.
4	User Management	It will facilitate user management at TU level.
4.1	Update Profile	Pressing of this sub-menu option, following screen will appear:

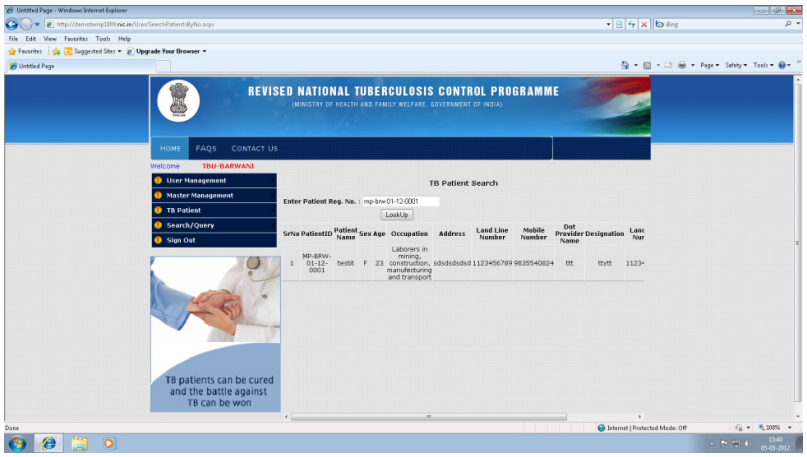
		 Where user can enter State level TB Officer Details: ✓ MOTC Name ✓ E-mail ✓ Contact Office ✓ Contact Mobile ✓ STS (Senior TB Treatment Supervisor) Name ✓ STS Mobile ✓ STLS (Senior TB Lab Supervisor) Name ✓ STLS Mobile
4.2	Change Password	Pressing of this sub-menu will give following screen:  User need to give the old password and new password and its confirmation. Password policy has been defined as: 7. Password should be minimum 8 characters. 8. It should contain at least 1 small, 1 caps, and 1 special character like (@,#,$,*) In case old password is not correct or new password or its confirmation is not matched then it will display the error.

5	Masters Management	
5.1	DMC/PHI Master	Management of DMC/PHI master has been facilitated at District & TBU level. Pressing of this sub-menu option at TU level, will display following screen:  There will be single master maintenance for DMC and PHI. It has been integrated with MCTS in loosely coupled form. User need to select the TB Unit for which DMC/PHI are to be added. After that user need to select Facility Type, then health Facilities under that Facility Type will appear, if one is available you are looking for then select otherwise select NA and enter the DMC/PHI name yourself. The given DMC/PHI name may be PHI or DMC or both. Depending upon the same, selection if Is DMC and Is PHI may be done and press the save button.
6	TB Patient	
6.1	Registration	Choosing of this sub-menu, following screen will appear:



TB Patients Details	
Name of TB Patient	Mandatory
Sex	Male/Female/Transgender
Occupation	Mandatory (Taken from MDDS codes)
AADHAR Number	Optional
Address	Mandatory
Mobile Number	Optional
Land Line Number	
Contact Person Details	
Name	Mandatory
Address	Mandatory
Mobile	Optional
Land Line	Optional
Initial Home Visit By Name	Optional
Date of Visit	Optional
TB Patient No/Year	This is TB patient Number given in the register by STS
Registration Date	Date on which TB Patient Number of given in the register.
DOTS Provider Details	
Name	Mandatory
Designation	Mandatory
Mobile Number	Optional
Land Line Number	Optional
Type of DOT Provider	Mandatory
DOT Centre Name	Optional
PHI Name	Mandatory

<table>
<tr><td></td><td></td><td>
<table>
<tr><td>Name of Medical Officer</td><td>Optional</td></tr>
<tr><td>MO Signature Done</td><td>Yes/NO</td></tr>
<tr><td>MO Signature Date</td><td>Optional</td></tr>
<tr><td colspan="2">History of previous Anti-TB Treatment</td></tr>
<tr><td>Duration</td><td></td></tr>
<tr><td>Source</td><td></td></tr>
<tr><td>Regimen</td><td></td></tr>
<tr><td>Year of Last Episode</td><td></td></tr>
<tr><td colspan="2">Disease Classification and Categorization</td></tr>
<tr><td>Classification</td><td>Pulmonary/Extra Pulmonary</td></tr>
<tr><td>Type of Patient</td><td>Mandatory</td></tr>
<tr><td>Category of Patient</td><td>Mapped with type of Patient</td></tr>
<tr><td>Lab test Date</td><td></td></tr>
<tr><td>DMC</td><td>By selection</td></tr>
<tr><td>Lab Number</td><td>Serial Number of the Lab</td></tr>
<tr><td>Smear Result</td><td></td></tr>
<tr><td>Weight</td><td></td></tr>
</table>

Giving the complete data and pressing of Register Patient button will display the computer generated TB Patient Number, which will be used for future references and search. Such Number be noted down on the TB Treatment Card as well.
</td></tr>
<tr><td>7</td><td>Search/Query</td><td></td></tr>
<tr><td>7.1</td><td>By TB Patient Number</td><td>Choosing of this sub-menu, following screen will appear:
 

Where user needs to give TB Patient Number generated by Computer at the time of registration, which is as follows:
<SS>-<DDD>-<TU>-<YR>-<NNNN> where</td></tr>
</table>

		<SS> - RNTCP State Code <DDD> - RNTCP District Code <TU> - RNTCP Tuberculosis Unit Code <NNNN> - Serial Number, which is unique for TU and Year e.g MP-BRW-01-12-0001 Giving the correct TB Patient number will display the details of the patient, which are: ✓ Name ✓ Age ✓ Sex ✓ Occupation ✓ Address ✓ Land Line Number ✓ Mobile Number ✓ DOTS Provider Name ✓ Designation ✓ Providers Land Line Number ✓ Providers Mobile Number ✓ Peripheral Health Institute (PHI)
8	Sign out	Pressing of this menu option will bring the screen to the Login Screen.

[04] Contact Addresses:

National Level:

Central TB Division
Directorate General of Health Services
Nirman Bhavan
New Delhi - 110 011
India
E-mail: ddgtb@rntcp.org

State Level:

State Name	E-mail of STO
A & Nicobar Islands	stoan@rntcp.org
Andhra Pradesh	stoap@rntcp.org
Arunachal Pradesh	stoar@rntcp.org
Assam	stoas@rntcp.org
Bihar	stobi@rntcp.org
Chandigarh	stoch@rntcp.org
Chhattisgarh	stocg@rntcp.org
Dadra & Nagar Haveli	stodn@rntcp.org
Daman & Diu	stodd@rntcp.org
Delhi	stodl@rntcp.org
Goa	stoga@rntcp.org
Gujarat	stogu@rntcp.org
Haryana	stohr@rntcp.org
Himachal Pradesh	stohp@rntcp.org
Jammu & Kashmir (Kashmir Division)	stojks@rntcp.org
Jammu And Kashmir(Jammu Division)	stojkj@rntcp.org
Jharkhand	stojh@rntcp.org
Karnataka	stoka@rntcp.org
Kerala	Stoke@rntcp.Org
Lakshadweep	stolk@rntcp.org
Madhya Pradesh	stomp@rntcp.org
Maharashtra	stomh@rntcp.org
Manipur	stomn@rntcp.org

Meghalaya	stomg@rntcp.org
Mizoram	stomz@rntcp.org
Nagaland	stong@rntcp.org
Odisha	stoor@rntcp.org
Puducherry	stopd@rntcp.org
Punjab	stopn@rntcp.org
Rajasthan	storj@rntcp.org
Sikkim	stosk@rntcp.org
Tamil Nadu	stotn@rntcp.org
Tripura	stotr@rntcp.org
Uttar Pradesh	stoup@rntcp.org
Uttarakhand	Stour@rntcp.org
West Bengal	stowb@rntcp.org

For NIKSHAY Problems:

Send your problems to helpdesk.nikshay@tbcindia.nic.in